

ACCOUNTING, BUSINESS TECHNOLOGY AND ANALYTICS - M.S.

Ambassador Crawford College of Business and Entrepreneurship
Department of Accounting
www.kent.edu/business/accounting

About This Program

Master data — master your future. Enroll in the Accounting, Business Technology and Analytics graduate degree to gain cutting-edge analytical, accounting and business skills that employers are clamoring for. Taught by expert faculty in a flexible blended online/in-person delivery, this career-driven program is designed to launch you into high-demand roles in finance, data analytics or business leadership. Read more...

Contact Information

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- Connect with an Admissions Counselor

Program Delivery

- **Delivery:**
 - Fully online
 - Mostly online
- **Location:**
 - Kent Campus

Examples of Possible Careers and Salaries*

Accountants and auditors

- 4.3% about as fast as the average
- 1,436,100 number of jobs
- \$73,560 potential earnings

Financial and investment analysts, financial risk specialists, and financial specialists, all other

- 5.5% faster than the average
- 487,800 number of jobs
- \$83,660 potential earnings

Budget analysts

- 3.4% about as fast as the average
- 55,400 number of jobs
- \$78,970 potential earnings

Accreditation

AACSB International - The Association to Advance Collegiate Schools of Business

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements

- Bachelor's degree from an accredited college or university¹
- Minimum 3.000 undergraduate GPA on a 4.000-point scale
- Official transcript(s)
- Résumé
- Goal statement
- Two letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions to waive) by earning one of the following:²
 - Minimum 79 TOEFL IBT score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score
 - Minimum 110 DET score

¹ Applicants who do not have an undergraduate degree in accounting or equivalent coursework are required to successfully complete four accounting prerequisite courses: ACCT 53001, ACCT 53010, ACCT 53012 and ACCT 53041. At a minimum, applicants should have general knowledge of inferential statistics, basic knowledge of business information systems and technologies and a solid understanding of algebra and general mathematics with some exposure to calculus. Students entering the program may fulfill deficiencies in these prerequisites by taking one calculus class (MATH 11012), one analytics course (ACCT 43009, BA 24056 or BA 64005) and one information system course (CIS 24053) or equivalents as applicable. The business analytics program director may consider concurrent enrollment according to the strength of the student's baccalaureate curriculum and preparedness and the courses proposed to be taken concurrently with the prerequisites.

² International applicants who do not meet the above test scores may be considered for admission.

Application Deadlines

- **Fall Semester:**
 - Application deadline: March 15
- **Spring Semester:**
 - Application deadline: October 15
- **Summer Term**
 - Application deadline: July 1

Applications received after these deadlines will be considered on a space-available basis.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Prerequisite Requirements		
ACCT 53001	FINANCIAL REPORTING I	
ACCT 53010	AUDITING FUNDAMENTALS	
ACCT 53012	FINANCIAL REPORTING II	
ACCT 53041	INDIVIDUAL INCOME TAX	
Major Requirements		
ACCT 53020	ADVANCED FINANCIAL ACCOUNTING	3
ACCT 53033	INCOME TAXATION II - ENTITY TAXATION	3
ACCT 63031	ADVANCED AUDITING THEORY AND PRACTICE	3
ACCT 63050	ADVANCED ACCOUNTING ANALYTICS AND TECHNOLOGY	3
BA 54038	ANALYTICS IN PRACTICE	3
BA 64036	BUSINESS ANALYTICS	3
BA 64060	FUNDAMENTALS OF MACHINE LEARNING	3
BA 64082	DATABASE MANAGEMENT AND DATABASE ANALYTICS	3
CIS 54151	INNOVATING WITH DIGITAL TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE	3
Culminating Requirement		
ACCT 63022	PROFESSIONAL ISSUES AND ETHICS IN ACCOUNTING	3
Minimum Total Credit Hours:		30

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
-	3.000

- No more than one-half of a graduate student's coursework may be taken in 50000-level courses.
- Grades below C are not counted toward completion of requirements for the degree.

Roadmap

This roadmap is a recommended semester-by-semester plan of study for this program. Students will work with their advisor to develop a sequence based on their academic goals and history. Courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Fall Semester		Credits
ACCT 53020	ADVANCED FINANCIAL ACCOUNTING	3
ACCT 63031	ADVANCED AUDITING THEORY AND PRACTICE	3
BA 64036	BUSINESS ANALYTICS	3
BA 64082	DATABASE MANAGEMENT AND DATABASE ANALYTICS	3
Credit Hours		12
Spring Semester		
ACCT 63022	PROFESSIONAL ISSUES AND ETHICS IN ACCOUNTING	3
ACCT 63050	ADVANCED ACCOUNTING ANALYTICS AND TECHNOLOGY	3
BA 54038	ANALYTICS IN PRACTICE	3
BA 64060	FUNDAMENTALS OF MACHINE LEARNING	3
Credit Hours		12

Summer Term

ACCT 53033	INCOME TAXATION II - ENTITY TAXATION	3
CIS 54151	INNOVATING WITH DIGITAL TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE	3
Credit Hours		6
Minimum Total Credit Hours:		30

Program Learning Outcomes

Graduates of this program will be able to:

1. Analyze, evaluate and report on complex accounting and business transactions using advanced accounting knowledge and data analytical tools.
2. Apply accounting research and data analytical skills to solve accounting and business problems.
3. Identify ethical dilemmas in the areas of accounting, business technology and data analytics; and apply an ethical framework to develop a resolution.
4. Effectively convey orally and in writing the outcomes of analytics for business decision-making.
5. Demonstrate the ability to pursue professional certifications and a commitment to ongoing professional development.

Full Description

The Master of Science in Accounting, Business Technology and Analytics provides students with advanced accounting knowledge while integrating emerging technologies and data analytics into business decision-making. This interdisciplinary program provides unique opportunities to learn the interconnections among accounting, business technology and data skills, preparing competitive candidates for the evolving careers in accounting and data-driven business world.